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1. **Administrative**      2. **Technical**      3. **Financial**      4. **Human Resources**      5. **Marketing**      6. **Production**  
 7. **Information Systems**      8. **Legal**      9. **Environmental**      10. **Public Relations**      11. **Quality Management**      12. **Supply Chain Management**  
 13. **Research and Development**      14. **Customer Service**      15. **Operations**      16. **Procurement**      17. **Facilities Management**      18. **Compliance**  
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&lt;211&gt; 162025

&lt;212&gt; DNA

&lt;213&gt; Homo Sapien

&lt;220&gt;

&lt;221&gt; mutation

&lt;222&gt; 156,277

&lt;223&gt; Nucleotide Base Change: T to C

&lt;400&gt; 36

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10. *Journal of the American Statistical Association*, 92, 1997, 1039-1047.



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&lt;213&gt; Artificial Sequence

&lt;220&gt;

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21

&lt;210&gt; 46

&lt;211&gt; 43

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&lt;213&gt; Artificial Sequence

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&lt;210&gt; 48

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&lt;213&gt; Oligonucleotide primer

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ctggcgccac gtggtcaa

18

&lt;210&gt; 49

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Oligonucleotide Primer

&lt;400&gt; 49

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20

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&lt;211&gt; 44

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&lt;213&gt; Artificial Sequence

&lt;220&gt;





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113/122

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114/122

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115/122

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116/122

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36

Artificial Sequence

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118/122

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120/122

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&lt;210&gt; 101

&lt;211&gt; 100

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&lt;400&gt; 101

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&lt;210&gt; 102

&lt;211&gt; 84

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&lt;213&gt; Homo sapien

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&lt;210&gt; 103

&lt;211&gt; 84

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

&lt;400&gt; 103

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&lt;210&gt; 104

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&lt;210&gt; 106

&lt;211&gt; 100

&lt;212&gt; DNA

&lt;213&gt; Homo sapien

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121/122

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122/122

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<223> Hair pin structure

<400> 118  
cagagagtag cccccaaccg tgcattgcat aaacatgcat gcacgggt 48

# INTERNATIONAL SEARCH REPORT

Inte Application No  
PCT/US 00/28413

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	WO 97 40462 A (SPECTRA BIOMEDICAL INC) 30 October 1997 (1997-10-30) page 4, line 2 - line 22 page 7, line 3 -page 8, line 4 ---	1-100
X	WO 98 24935 A (AN GANG ;HARA MARK O (US); RALPH DAVID (US); VELTRI ROBERT (US); U) 11 June 1998 (1998-06-11) page 4, line 27 -page 5, line 6 page 6, line 14 - line 18 --- -/--	1-100

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*C\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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September 2001

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Authorized officer

Filloy García, E

# INTERNATIONAL SEARCH REPORT

Inter:      Application No  
PCT/US 00/28413

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	COLLINS F S ET AL: "A DNA Polymorphism Discovery Resource for Research on Human Genetic Variation" GENOME RESEARCH, vol. 8, 1998, pages 1229-1231, XP002177106 the whole document ---	1-100
P,X	WO 00 51053 A (BRYANT STEPHEN PAUL ;GEMINI RESEARCH LTD (GB); KELLY PAUL JAMES (G) 31 August 2000 (2000-08-31) abstract; claims 1-24 ---	1-100
Y	WO 98 35609 A (HELMS RONALD W ;TOMASKO LISA (US); BIOMAR INTERNATIONAL INC (US);) 20 August 1998 (1998-08-20) abstract; claims 1-25 ---	1-100
Y	SARKAR C ET AL: "Human Genetic Bi-allelic Sequences (HGBASE), a Database of Intra-genic Polymorphisms" MEM INST OSWALDO CRUZ, 'Online! vol. 93, no. 5, September 1998 (1998-09) - October 1998 (1998-10), pages 693-694, XP002177107 Rio de Janeiro Retrieved from the Internet: <URL:http://www.cgb.ki.se/cgb/groups/brook es/publications.htm> 'retrieved on 2001-09-05! the whole document ---	1-100
A	FOSTER M W AND FREEMAN W L: "Naming Names in Human Genetic Variation Research" GENOME RESEARCH, vol. 8, 1998, pages 755-757, XP002177108 the whole document -----	2,9,27, 55,72

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